

## Product datasheet for RN215640

### Cmpk2 (NM\_001108017) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Cmpk2 (NM_001108017) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cmpk2
Synonyms:	Tyki
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN215640 representing NM_001108017 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGGCTCGGCCGCGCGCTTCACTGTAGAGCTGCCGATTGCTCCCTGACTCACTTCGTCCTGGGGGACG  
CGGCGGGCCACCGGGATGCTCGCCTACGGAGCTGCTCGGGCCCCAGGGCGCAGCTACGCGCTGTGTGT  
GCCATTGGTTCCAGGCGAAGGCTGTGGGCCCGGGTACAGGCGGCCCGGGTGTACCAGCGCTGCAGCTG  
CAGCTGCGCCAGGGTCTTTGCAGAGGTGCGAGCTGAGCAAAGTCTGGGATATGGTCCAGGCGATCAGG  
CCAGCGAAGCCCAGCATGGCTTCTGCTGCGCGACCCAGCGACACCCGGACACCCGGCAAGACTTGCT  
GCAGCTTCTGGGCTCATGCCAGGAGGCGACACGGCTGCACTTGGCGGAGTTCAGGCCGATTCCCAGGGA  
TTGCTGTGGCAGCGTCTGTGGGAGTTGCAGGGAGACAGACAGGTGCAGGTGGACTGCGCATGCGTCTGC  
CGGCACCGGAGCCCCATCTGCACCCACTGCTGCCTGATCTGCTCAACTCTGCGGTGTTTCAAGACCGGGA  
CGCTGCACGGGCTGTCTTGAGGAGTGCACATCTTTTATCCAGAAGCCCGGAAGTGTGACCTAGTT  
GACCAGTGCCCAAGGGAGATCCAGAAAGGAAGTCCAGGTCATTGCCATTGAAGGACTGGATGCCACTG  
GTAAGACCACACTGACGAGTCCGTGTCAGAGTCTCCAAGCTGCTCTTACAGTCTCCACCCCTG  
CATCAGCCAGTGGAGGAAGCTCTTTGATGATGAGCCTACTATCATTTCGGAGAGCATTTTACTCTTTGGGC  
AATTATCTCGTGGCTTCTGAAATAGCTAAACAGTCAGCCAAGTTTCTGTTATCGTAGACAGGTAAGTGGC  
ATAGCACAGCCACCTATGCCATAGCCACTGAGGTGAGTGGAGGCCTACAGTACCTACCCCTGCCACCA  
CCCTGTGTACAGTGGCCAAGAGACCTGCTGAAGCCTGACCTGGTCTGCTTACTGTGAATTCTGAG  
GAGAGAGTGGGAGACTGCAGGGTGGGGCCAGGAGAAGACTAAAGAAGAGGCTGAACTCGAGGTCAACA  
GCGTGTTCGTCAGAAGGTGGAAGCCACGTACCAGCGTATGGAGAACCAAGCTGCCGTCTGGTTCGATGC  
CAGCCCGTCCAGAGAGACAGTGTGCAGACAGTTTACAGCTGATCCAGAGGGCTGGTCAT**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_001108017
<b>Insert Size:</b>	1254 bp
<b>OTI Disclaimer:</b>	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
<b>Components:</b>	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.</li> </ol>
<b>RefSeq:</b>	<u><a href="#">NM_001108017.1</a></u> , <u><a href="#">NP_001101487.1</a></u>
<b>RefSeq Size:</b>	3054 bp
<b>RefSeq ORF:</b>	1254 bp
<b>Locus ID:</b>	314004
<b>Cytogenetics:</b>	6q16